

Message Text

UNCLASSIFIED

PAGE 01 STATE 140854
ORIGIN SS-15

INFO OCT-01 ISO-00 OES-07 DOE-15 SOE-02 /040 R

DRAFTED BY T:DHAFEMEISTER:PR

APPROVED BY T:DHAFEMEISTER

OES/NET/RD:JPBORIGHT

DOE:EHANRAHAN

-----064783 030734Z /11

R 030148Z JUN 78

FM SECSTATE WASHDC

TO DR YOUNG KU YOON PRESIDENT KOREAN AEC RES INST

PO BOX 7 CHEON RYANG-RI SEOUL 131 KOREA TEL 43-235

TELEX 23415

DR STEFAN ALEXANDRU OLARIU COMITETUL DE STAT

PENTRU ENERGIA NUCLEARA (STATE COMM FOR NUCLEAR ENERGY)

PO BOX 5204 7000 BUCHARES ROMANIA TEL 80 70 40

TELEX 11397 FIAM R

UNCLAS STATE 140854

E.O. 11652:

TAGS:

SUBJECT:

1. AS I PROMISED IN MY TELX OF MAY 17, 1978, FOLLOUING
IS A DRAFT FOR YOUR CONSIDERATION OF WG-8 REPORT TO THE
TCC. I SUGGEST WE MEET AND DISCUSS THIS IN VIENNA ON THE
MORNING OF THE TCC MEETING. DRAFT REPORT IS AS FOLLOWS:

2. UORKING GROUP 8 MET IN VIENNA ON JANUARY 30 AND 31,
1978. THE WORKING GROUP IS DIVIDED INTO THREE SUB-GROUPS
AS FOLLOWS: SUB-GROUP A ONCE-THROUGH FUEL CYCLE;
SUB-GROUP B ADVANCED REACTORS AND FUEL CYCLES; SUB-GROUP
C RESEARCH REACTORS.

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 STATE 140854

3. PARTICIPANTS WILL SUBMIT TOPICAL PAPERS ON REACTORS
AND FUEL CYCLES TO THE APPROPRIATE SUB-GROUP AND OVER
60 PAPERS ARE TO BE CONTRIBUTED. (A TABULATION OF THE
TITLES OF THE PAPERS AS IN INFCE/WG-8/6 WILL BE ATTACHED
TO THE WRITTEN REPORT.) THESE PAPERS ARE TO BE DIS-
TRIBUTED TO THE T:CHNICAL CONTACT OF EACH PARTIC;PANT IN

THE TIME PERIOD FROM MAY TO JULY 15 FOR REVIEW AND CRITIQUE. WRITTEN COMMENTS ARE TO BE SUPPLIED TO THE

AUTHORS.

4. THE WORKING GROUP WILL MEET SEPTEMBER 12 TO 14 IN VIENNA TO DISCUSS THE CONTRIBUTED PAPERS. ANY ADDITIONAL PAPERS THAT MIGHT BE NEEDED WILL BE IDENTIFIED AND ASSIGNED FOR PREPARATION. ALL THE CONTRIBUTED PAPERS WILL PROVIDE THE BASIS FOR EACH SUB-GROUP REPORT. SUB-GROUPS A AND B WILL PREPARE SUMMARY REPORTS WHICH CONTAIN THE FOLLOWING:

(1) A REVIEW OF THE TECHNICAL APPROACHES WHICH DESCRIBES THE REACTORS AND FUEL CYCLES IN TERMS OF RESOURCE UTILIZATION, ECONOMICS, TECHNICAL STATUS, TIMING, AND NONPROLIFERATION ATTRIBUTES. IMPROVEMENTS IN EXISTING SYSTEMS WILL BE DISCUSSED. STRATEGIES FOR IMPLEMENTING SYSTEMS OR COMBINATIONS OF SYSTEMS WILL BE IDENTIFIED.

(2) GENERAL FEATURES OF TECHNICAL AND ECONOMIC DATA WILL BE REVIEWED IN LIGHT OF THESE ASSESSMENT FACTORS AND THE RANGE OF SITUATIONS IN VARIOUS COUNTRIES. GENERAL RESULTS OF THIS REVIEW AS RELEVANT TO MATERIAL DECISIONS WOULD BE SUMMARIZED.

UNCLASSIFIED

UNCLASSIFIED

PAGE 03 STATE 140854

5. THE SUMMARY REPORT OF SUB-GROUP C, RESEARCH REACTORS, WILL BE SOMEWHAT DIFFERENT IN THAT IT WILL DISCUSS THE TECHNICAL AND PROGRAM ROLE OF RESEARCH REACTORS AND OF THE NONPROLIFERATION CONSIDERATIONS RELATED TO USE OF THESE REACTORS AND ASSOCIATED FUELS. TECHNICAL CONSIDERATIONS WILL INCLUDE: TYPES OF REACTORS AND FUELS AND THEIR OPERATIONAL CHARACTERISTICS, PROGRAM NEEDED TO PRODUCE NEW FUELS AND THEIR EFFECT ON REACTOR PERFORMANCE, IMPROVED SAFEGUARDS AND FABRICATION, STORAGE, TRANSPORTATION AND REPROCESSING.

6. FIRST DRAFTS OF THESE SUMMARY REPORTS ARE DUE IN FEBRUARY 1979. FINAL SUMMARY REPORTS ARE SCHEDULED FOR SEPTEMBER 1979.

7. THE UNITED STATES TABLED TWO DRAFT PAPERS, TECHNICAL AND ECONOMIC GUIDELINES AND PROLIFERATION RESISTANCE CONSIDERATIONS. PARTICIPANTS WERE REQUESTED TO COMMENT ON THESE PAPERS BY MARCH 31. FEW COMMENTS HAVE BEEN RECEIVED. THIS UNDERLINES THE NEED FOR TCC TO ADDRESS THIS MATERIAL AS PLANNED IN THE PROVISIONAL AGENDA.

8. WITH REGARD TO ASSESSMENT OF PROLIFERATION RESISTANCE
AND SAFEGUARDS MATTERS, WE WOULD NOTE THAT THREE OF THE

INFCE WORKING GROUPS HAVE SPECIFIED AREAS WHICH COVER
ENTIRE FUEL CYCLE SYSTEMS:

WG-4B, PU RECYCLE IN PRESENT REACTORS
WG-5, BREEDER CYCLES
WG-8, ONCE-THROUGH AND ADVANCED CYCLES.

9.

PARABLE PROLIFERATION RESISTANCE AND SAFEGUARDS ASPECTS
OF THE ADVANCED CYCLES AND ONCE-THROUGH SYSTEMS. THIS
UNCLASSIFIED

UNCLASSIFIED

PAGE 04 STATE 140854

LEAVES A QUESTION OF COMPARATIVE ASSESSMENT OF THESE
CYCLES TO BREEDER AND THERMAL RECYCLE. WG-4 AND PERHAPS
WG-5 MIGHT LOGICALLY ADDRESS THESE COMPARATIVE ASSESSMENTS.

GEORGE W. CUNNINGHAM
INFCE U.S. CO-CHAIRMAN
WORKING GROUP 8
WASHINGTON, D.C. 20545
USA CHRISTOPHER

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: DIPLOMATIC COMMUNICATIONS, NUCLEAR FUELS, MEETINGS
Control Number: n/a
Copy: SINGLE
Draft Date: 03 jun 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 jan 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978STATE140854
Document Source: CORE
Document Unique ID: 00
Drafter: DHAFEMEISTER:PR
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D780232-0838
Format: TEL
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780699/aaaadhei.tel
Line Count: 145
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 1346be92-c288-dd11-92da-001cc4696bcc
Office: ORIGIN SS
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 29 mar 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: N/A
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2500342
Secure: OPEN
Status: NATIVE
Subject: WORKING GROUP 8 REPORT TO THE TCC
TAGS: TECH, US, KS, RO, INFCE, (CUNNINGHAM, GEORGE W)
To: YOUNG KU YOON OLARTU STEFAN ALEXANDRU
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/1346be92-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014